THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO DISTRICT HEADQUARTER EQUIPMENT HUB AT BOLANGIR FIRE STATION IN THE DISTRICT OF BOLANGIR.

BID REF NO :-51/PM/ELECT/OPHWC/2025-26

NAME & ADDRESS OF THE FIRM	

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
I	CONSTRUCTION OF 11 KV LINE .				
A	11 KV LINE USING 55 SQ. MM AAAC.				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	35,129.38	35,129.38
2	55 sq. mm AAAC	Mtr.	92.7	42.60	3,949.02
3	MS channel 75x40x6 mm	Kg	1.958	92.30	180.72
4	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
5	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
6	Top F clamp for PSC Pole ,2.9 Kg	No.	1	340.80	340.80
7	11 KV Pin Insulator Polymer	No	2	284.00	568.00
8	7/10 SWG Stay Wire ,7/3.25 mm	KG	2.533	106.50	269.76
9	Earthing support coil type	No	1	235.72	235.72
10	GI Nut , Bolt & Washer of different sizes	Kg	1.29	110.70	142.80
11	GI barbed wire for Anticlimbing	Kg	1.2	113.60	136.32
12	Danger plate	no.	1	113.60	113.60
A	A. Sub total				42,329.93
B	B. Stock, Storage & Insurance @ 3% of A				1,269.90
C	Sub Total (C=A+B)				43,599.83
D	T&P @ 2% of C				872.00
E	Contigency @ 3% of C				1,307.99
F	Transportation @ 7.5% of C				3,269.99

G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**1,809.16**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**741.65**
J	**Total**				**51,600.62**
13	Concrete material for stay anchor plate	M3	0.36	1,653.00	595.08
14	Padding and Concreting materials for support	M3	0.6	2,837.90	1,702.74
15	Fabrication and galvanisation	Kg	1.958	13.00	25.45
	Total Rs.				**53,923.89**
B	**11 KV LINE AAAC TAPPING ON RSJ POLE**				
1	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
3	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
4	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.80
5	11 KV Disc insulator B&S polymer type 70 KN	No	3	1,633.00	4,899.00
6	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
7	PG Clamp for 100 sq. mm AAAC	Nos.	3	681.60	2,044.80
8	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00
9	HT Stay Set (Complete)	Set	2	1,491.00	2,982.00
10	HT Stay Insulator	No.	2	71.00	142.00
11	HT Stay Clamp	Pair	2	177.50	355.00
12	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
13	GI Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.50
14	Earthing support coil type	No	1	235.72	235.72
A	**A. Sub total**				**20,849.29**
B	**B. Stock, Storage & Insurance @ 3% of A**				**625.48**
C	**Sub Total (C=A+B)**				**21,474.77**
D	**T&P @ 2% of C**				**429.50**
E	**Contigency @ 3% of C**				**644.24**
F	**Transportation @ 7.5% of C**				**1,610.61**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**2,147.48**
J	**Total**				**26,306.59**
15	Fabrication and galvanisation	Kg	32.64	13.00	424.32
16	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00

17	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	Total Rs.				**32,874.81**
II	**LT Line**				
1	9 Mtr. Long RS Joist Pole(30.6 Kg/Mtr.)	No	16	25,420.19	406,723.04
2	1.1 KV 3C×95 mm² +1C×70 mm²+1CX16 mm² (LT AB Cable)	Km	0.509	345,060.00	175,635.54
3	4 core Al. pvc armoured cble 25 sq. mm	Mtr	30	177.50	5,325.00
4	Pole Clamp	No	16	284.00	4,544.00
5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	2	92.30	184.60
6	Suspension Clamp with EYE hook for ABC	No	16	482.80	7,724.80
7	Neutral Connector	No	10	46.86	468.60
8	7/12 SWG GI stay wire, Grade -2	Kg	23.04	106.50	2,453.76
9	LT stay Clamp (1.40Kg/pair)	Pair	4	156.20	624.80
10	LT Stay insulator	No	4	42.60	170.40
11	Coil Earthing	No	16	235.72	3,771.52
12	No-8 GI wire for earthing	Kg	8.16	113.60	926.98
13	Bolt & Nut GI 16x55 mm	Kg	7.2	110.76	797.47
14	Piercing Connector LT Type A	No	10	113.60	1,136.00
15	LT Stay set Complete	Set	4	738.40	2,953.60
16	8 way service Distribution Box with kitkat Fuse	No.	1	5,680.00	5,680.00
A	**A. Sub total**				**619,120.11**
B	**B. Stock, Storage & Insurance @ 3% of A**				**18,573.60**
C	**Sub Total (C=A+B)**				**637,693.71**
D	**T&P @ 2% of C**				**12,753.87**
E	**Contigency @ 3% of C**				**19,130.81**
F	**Transportation @ 7.5% of C**				**47,827.03**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**20,946.24**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**21,876.90**
J	**Total**				**760,228.57**
17	Concrete materials for stay anchor plate	Nos.	4	1,653.00	6,612.00
18	Padding and concreting material for Support	Nos.	16	2,837.90	45,406.40
					812,246.97
III	**INSTALLATION OF 100 KVA S/S.**				

1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	2	35,129.38	70,258.76
2	100 KVA , 11/0.4 KV Transformer BIS Energy Level-II	No	1	193,901.50	193,901.50
3	MS Channel 100x50x6 mm	Kg	103	92.30	9,506.90
4	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
5	MS angle 50x50x6 mm	Kg	57	92.30	5,261.10
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,633.00	4,899.00
7	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
9	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
10	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16,827.00	16,827.00
12	11 KV DD Fuse 3 Pole	No	1	6,678.78	6,678.78
13	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
14	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1,391.60	4,174.80
15	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1,684.80
16	HT Stay set complete	Set	2	1,491.00	2,982.00
17	7/10 SWG Stay wire	Kg	25	106.50	2,662.50
18	HT Stay Insulator	No.	2	71.00	142.00
19	HT stay clamp	Pair	2	177.50	355.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1,491.00	7,455.00
21	Earthing support Coil type	No	1	235.72	235.72
22	GI Pipe (100 mm)	Mtr.	3	710.00	2,130.00
23	HDPE Pipe	Mtr.	15	56.80	852.00
24	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	23	523.88	12,049.24
25	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6,679.68
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	34,674.98	34,674.98
27	Al. cable socket 70 sq. mm	No	80	21.30	1,704.00
28	Al. cable socket 95 sq. mm	No	16	28.40	454.40
29	GI Nuts, Bolts & washers	Kg	25	110.76	2,769.00
30	Material for Masonary work for earth pit	No	5	568.00	2,840.00
31	Charcoal, salt etc. for earthing	Kg	10	639.00	6,390.00
32	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
33	Danger Plate	No	2	113.60	227.20
A				**A. Sub total**	**425,418.62**

B	**B. Stock, Storage & Insurance @ 3% of A**				**12,762.56**
C	**Sub Total (C=A+B)**				**438,181.18**
D	**T&P @ 2% of C**				**8,763.62**
E	**Contigency @ 3% of C**				**13,145.44**
F	**Transportation @ 7.5% of C**				**32,863.59**
G	**Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%**				**13,604.25**
H	**Erection Charges @ 20% on PSC Poles**				
I	**Erection Charges @ 10% for other materials**				**16,609.61**
J	**Total**				**523,167.69**
34	Fabrication & Galvanisation	**Kg**	344	13.00	**4,472.00**
35	Concrete material for stay anchor plate	No	2	1,653.00	**3,306.00**
36	Padding and Concreting materials for support	No	2	2,837.97	**5,675.94**
37	Plinth for 100 KVA transformer	No	1	22,034.00	**22,034.00**
38	Economic Brick Design fencing	No	1	92,622.57	**92,622.57**
	Total Rs.				**651,278.20**
	Sub Total Rs.				**1,550,323.87**
	Cess @1%				**15,503.24**
	Total Estimated Cost				**1,565,827.11**
	Total Estimated Cost in Figures				**1,565,827.00**
EXCESS	☐ LESS ☐ (Please Tick)	In Figure ______________ % In word ____________________________%			
Quoted Amount in Figure					
Quoted Amount in word					
N:B- The Estimated cost is exclusive of GST .					

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
Dy. Manager (Elect)

Sd/-
Project Manager (Elect)